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ABSTRACT

Produced for primary grades, this student booklet provides a unit approach to the study of water. Each letter of the alphabet is used to represent a word dealing in some way with water. Two pages are utilized for each letter, showing the capital and lowercase form of the letter, the word, a drawing of the word or article, and a brief explanation of the word or concept. The content may be used in a variety of subject areas. A related document is the teacher's guide, SE 016 490. This work was prepared under an ESEA Title III contract for the Interdisciplinary Environmental Education K-12 project. (BL)

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INTERDISCIPLINARY ENVIRONMENTAL EDUCATION PROJECT

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AN ESEA TITLE III PROJECT

Based at Nova High School

Broward County Schools

Florida

1972

By Marilyn Laskey

SE 016 491

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An ESEA Title III Project

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A a

air

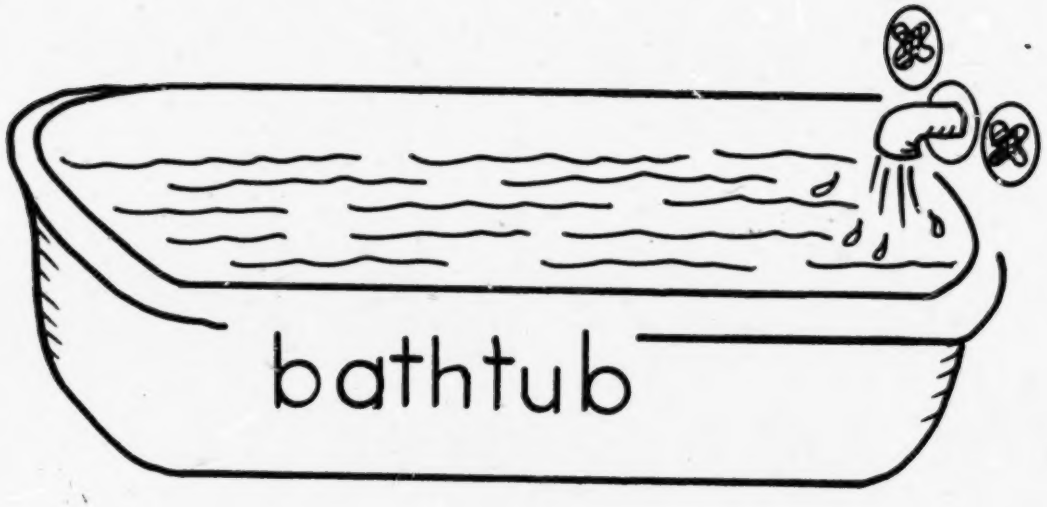
Does air have water in it **?**

Yes !

There are many, many tiny drops of water in the air around you—so tiny you cannot see them. When they get cold they cling together, making big drops that you can see. Look at the drops of water on

the outside of a cold glass of milk. They come from the air.

B b



Does this bathtub have water in it ?

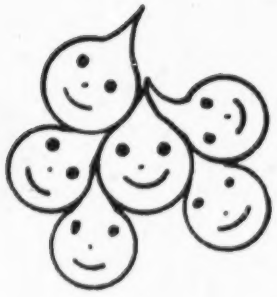
Yes !

We use water to help keep ourselves clean. It washes away dirt and germs.

C c

Does this cloud have water in it?

Yes!

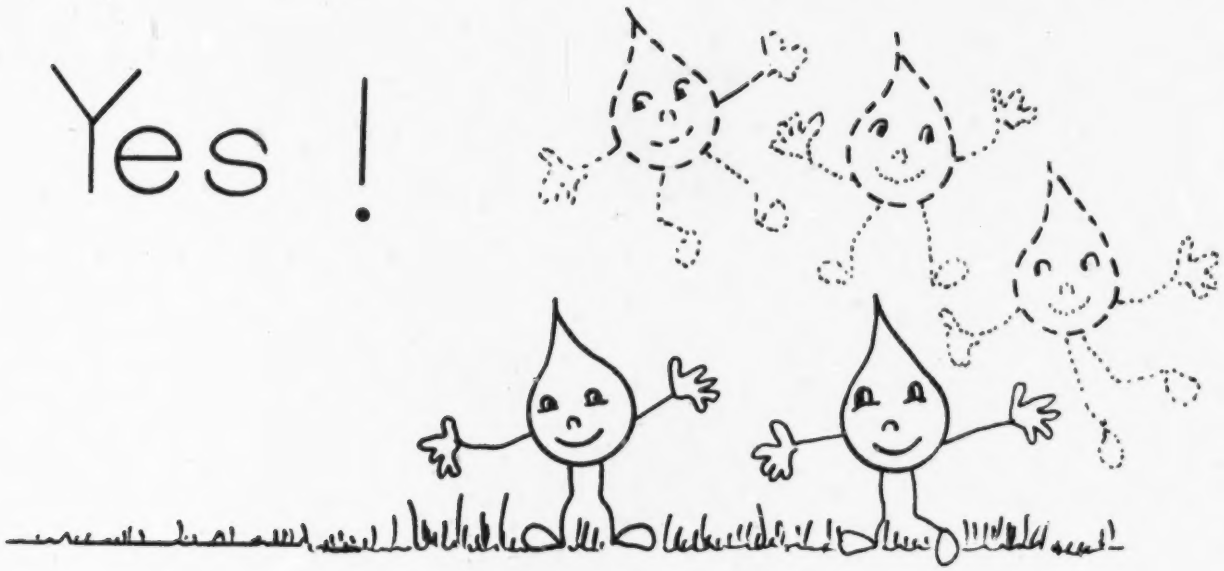


Clouds are made of many many tiny drops of water cling-ing together. When the drops become cold and heavy they fall to earth as raindrops.

D d

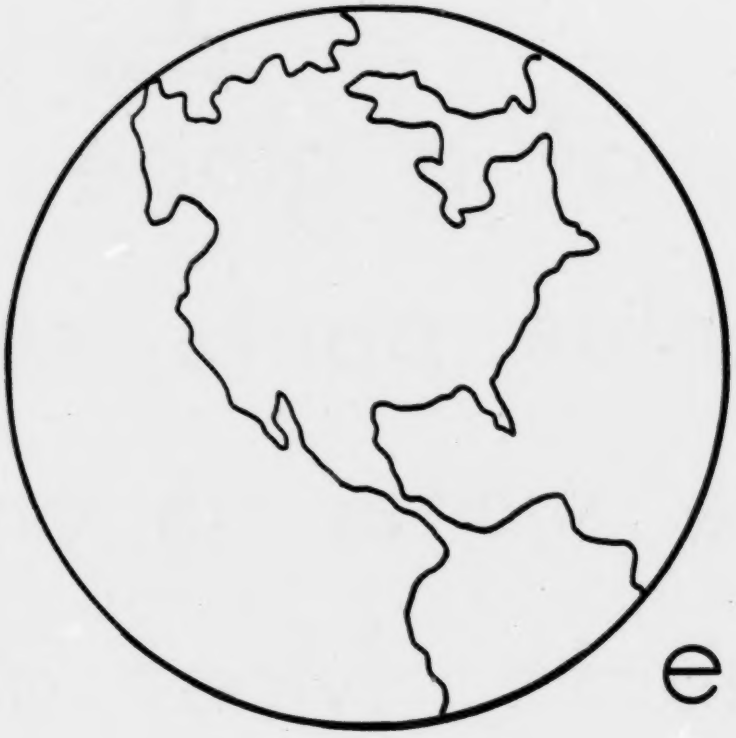
Does dew have water in it **?**

Yes !



When invisible drops of water in warm air touch the cool ground, they become visible. We call them "dew".

E e



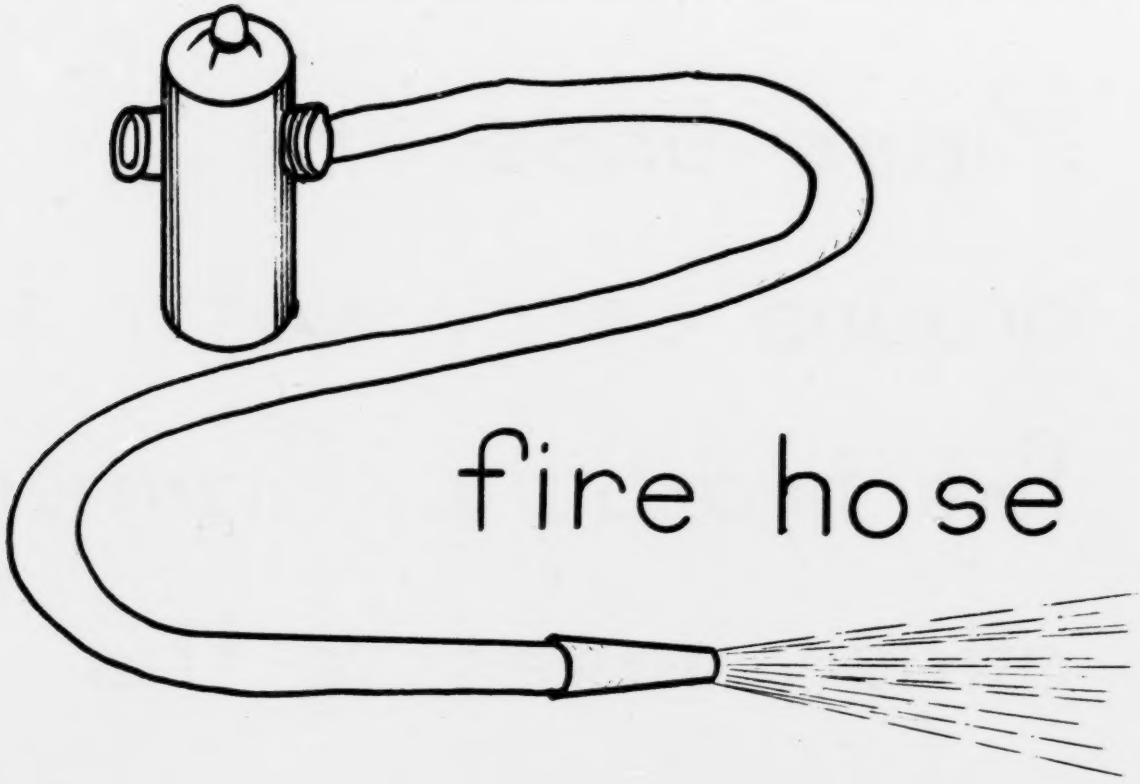
earth

Does the earth
have water on it ?

Yes!

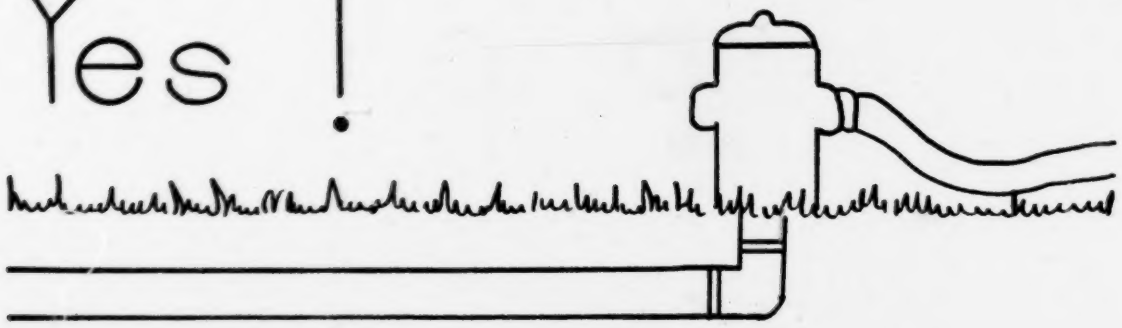
Look at a globe.
The blue parts show
where water is on
the earth. Most of
the earth is covered
with water.

F f



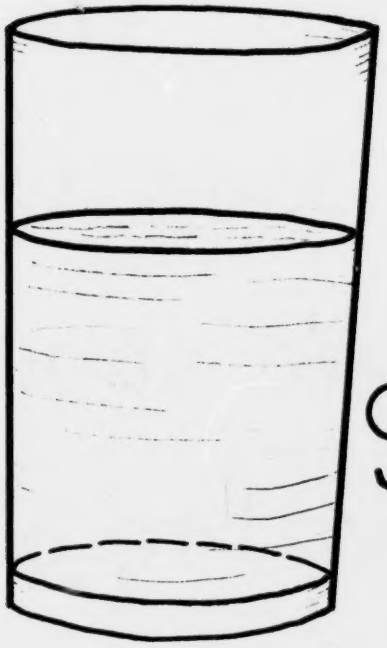
Does this fire hose have water in it?

Yes !



Pipes under the ground carry water to fire hydrants. Firemen attach hoses to the hydrants and use water for putting out fires.

G g



glass

Does this glass have water in it?

Yes!

Water helps to keep us healthy. We could not live long without water. We should drink much water, but first we must be sure that it is free of harmful germs.

H h

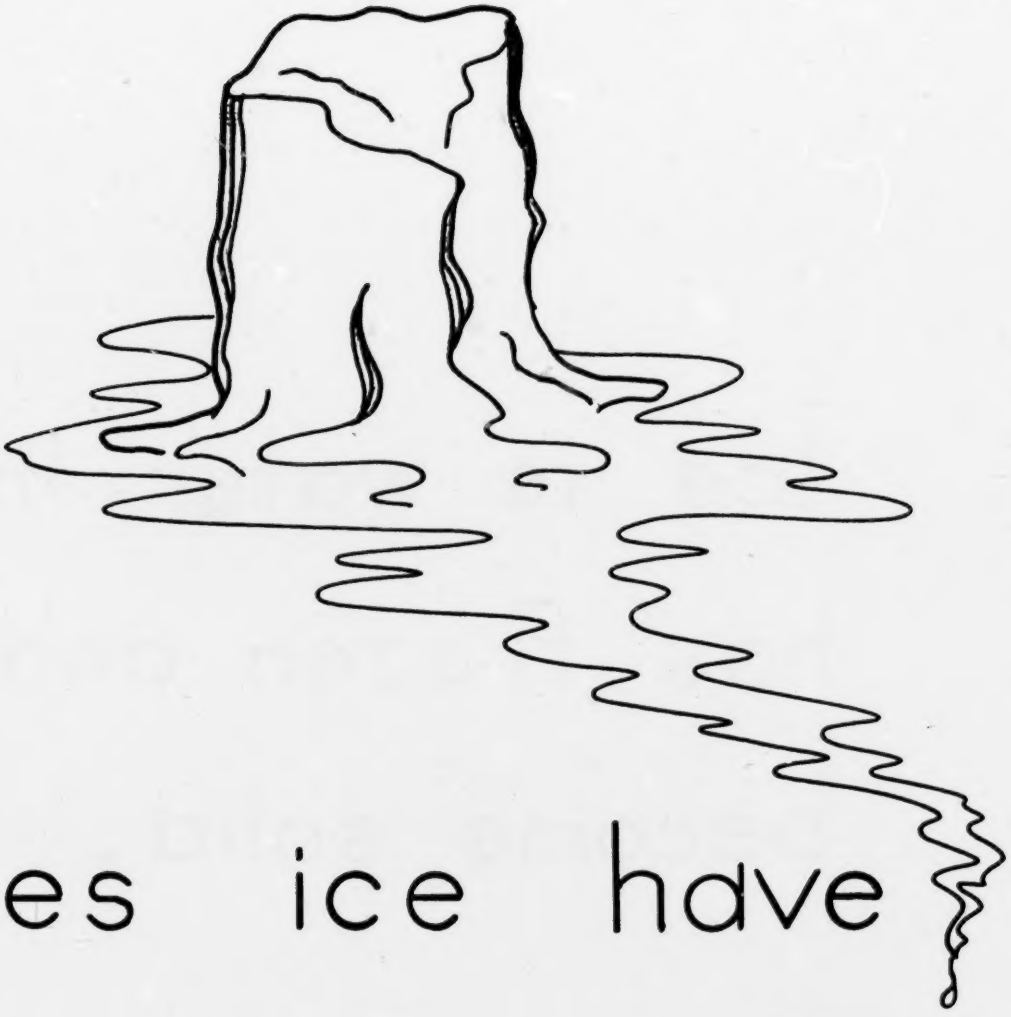
hot dog

Does a hot dog have water in it?

Yes !

Everything we eat has at least a tiny bit of water in it.

I i

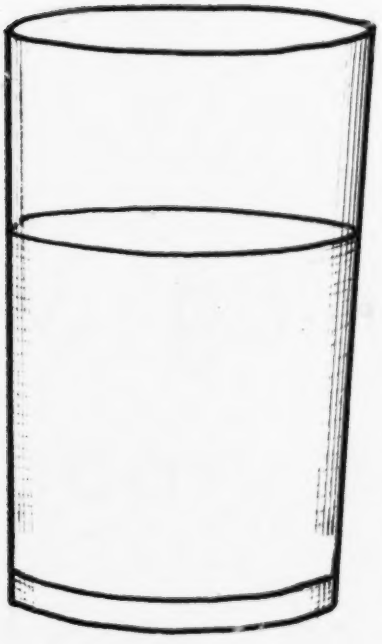


Does ice have water in it ?

Yes !

Ice is water that has frozen and become solid.

J j



juice

Does juice have water in it ?

Yes !

Everything we drink is made partly of water.

K k

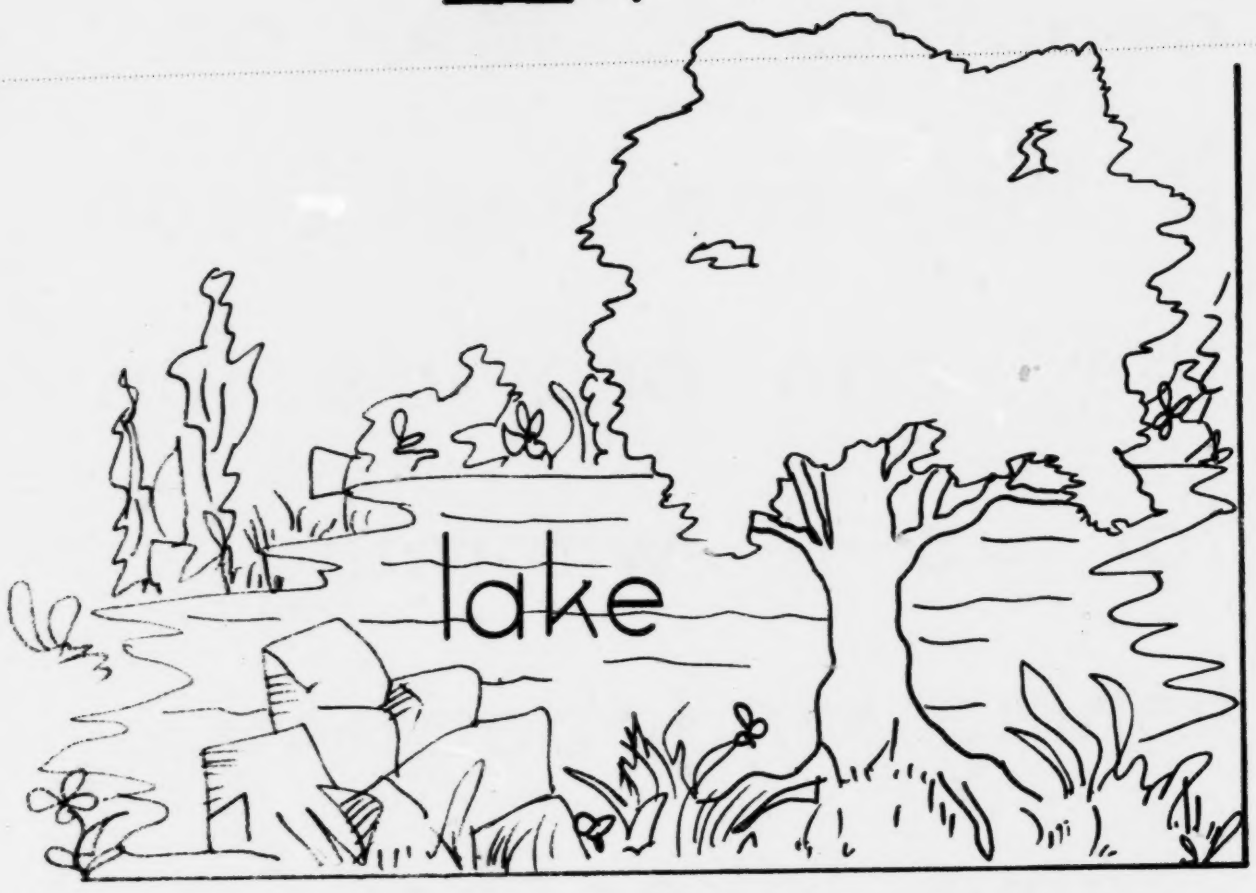
Does a kitten

have water in it ?

Yes!

All animals are made mostly of water! Blood is mostly water.

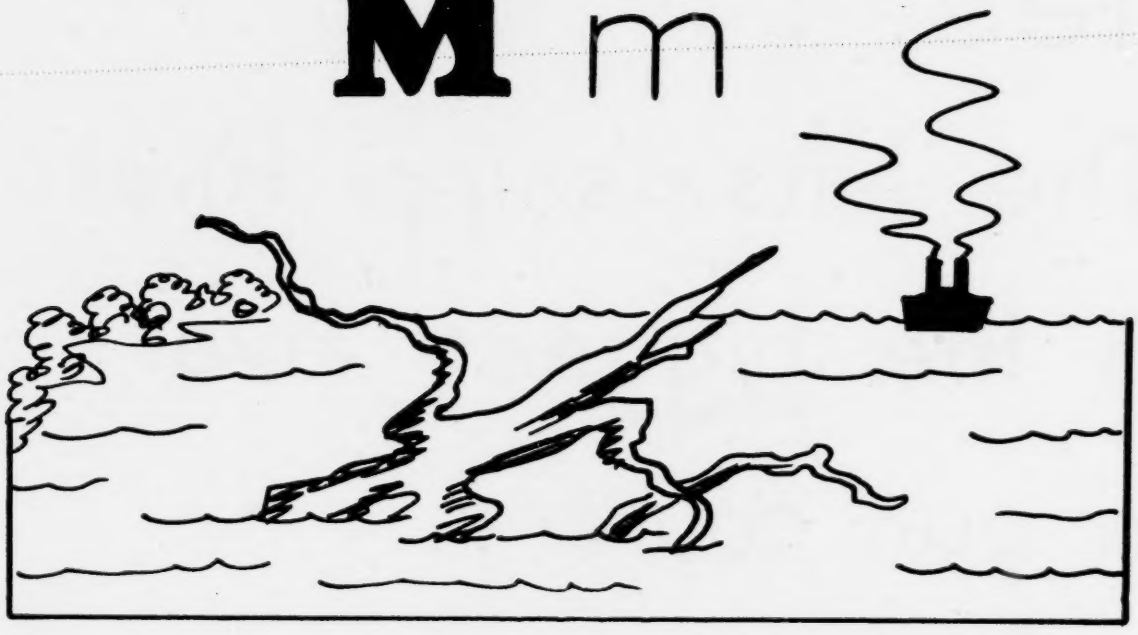
L l



Does this lake have water in it ?

Yes! Lakes can be beautiful to look at. If they are kept clean they can provide fun for us — swimming, fishing, and boating. Some lakes are used to provide water for our homes.

M m



Mississippi River

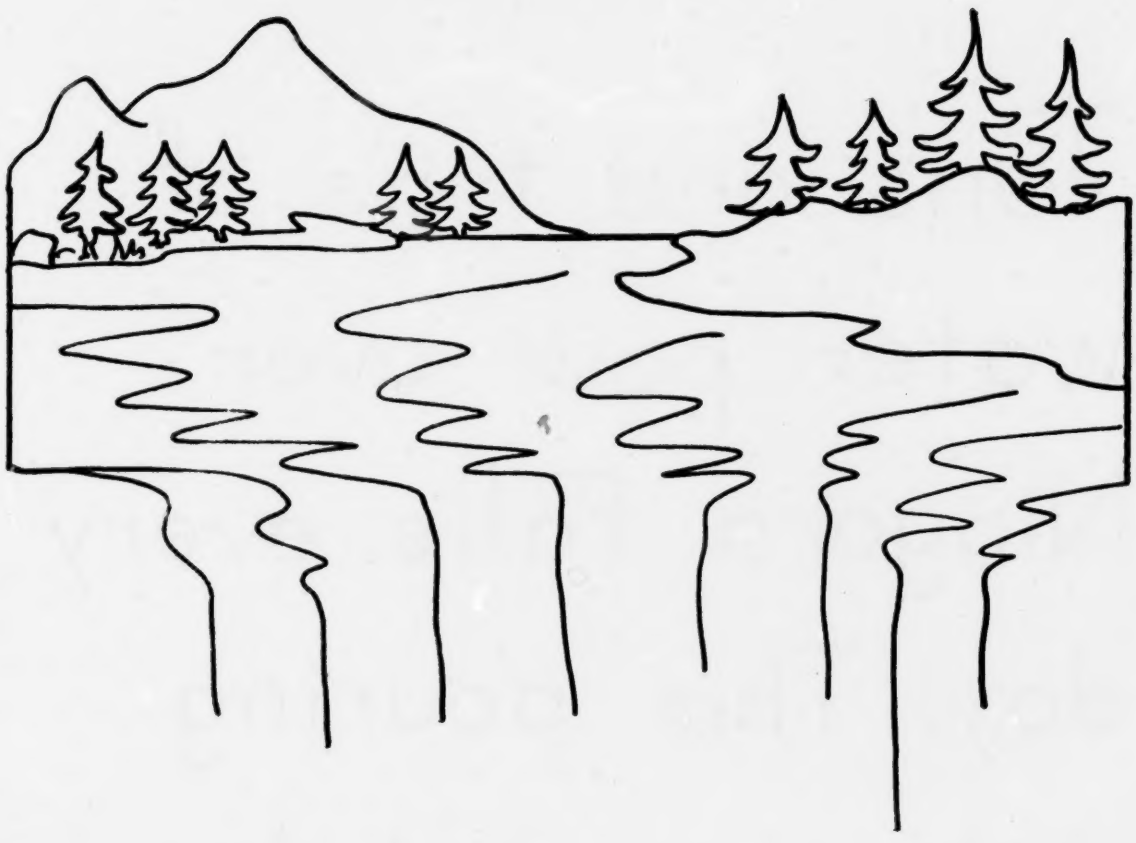
Does the Mississippi River have water in it ?

Yes !

The Mississippi River is the biggest river in our country.

People travel on it and send things like wood and cotton from one place to another.

N n

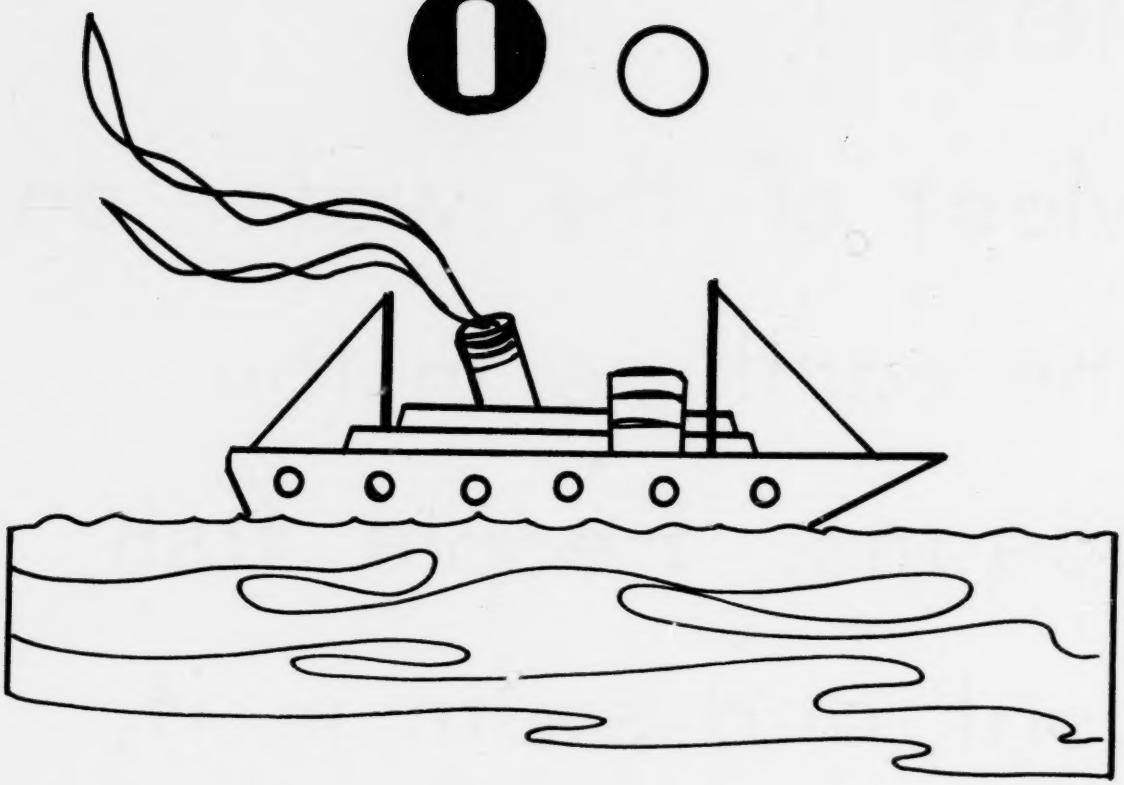


Does Niagara Falls have water in it ?

Yes!

Tons and tons of water pour over Niagara Falls every day. This pouring water is used to make electricity.

O o



ocean

Does an ocean have water in it **?**

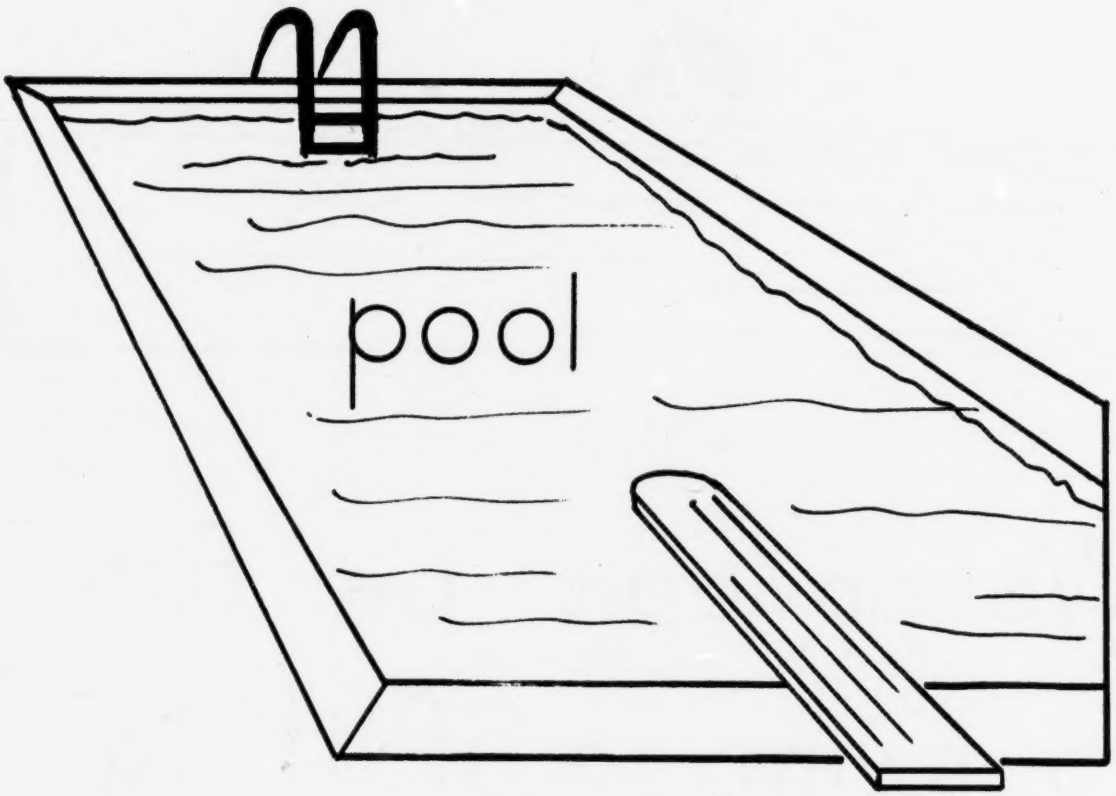
Yes !

Most of the water on the earth is in the oceans. People fish, boat, and swim in it, but they do not drink ocean water because it is too salty.

Try this experiment !

Put some ocean water in the sun. The water will evaporate—the salt will not ! You will see the salt that was in the water !

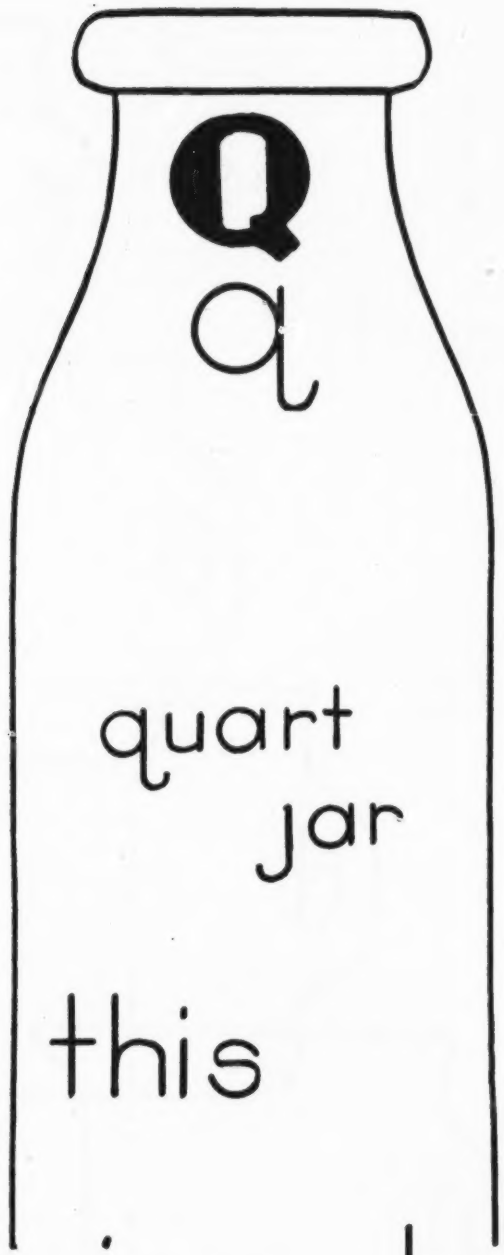
P p



Does this pool have water in it**?**

Yes!

Water can be fun
to swim in if it is
kept clean.
Water also cools us.



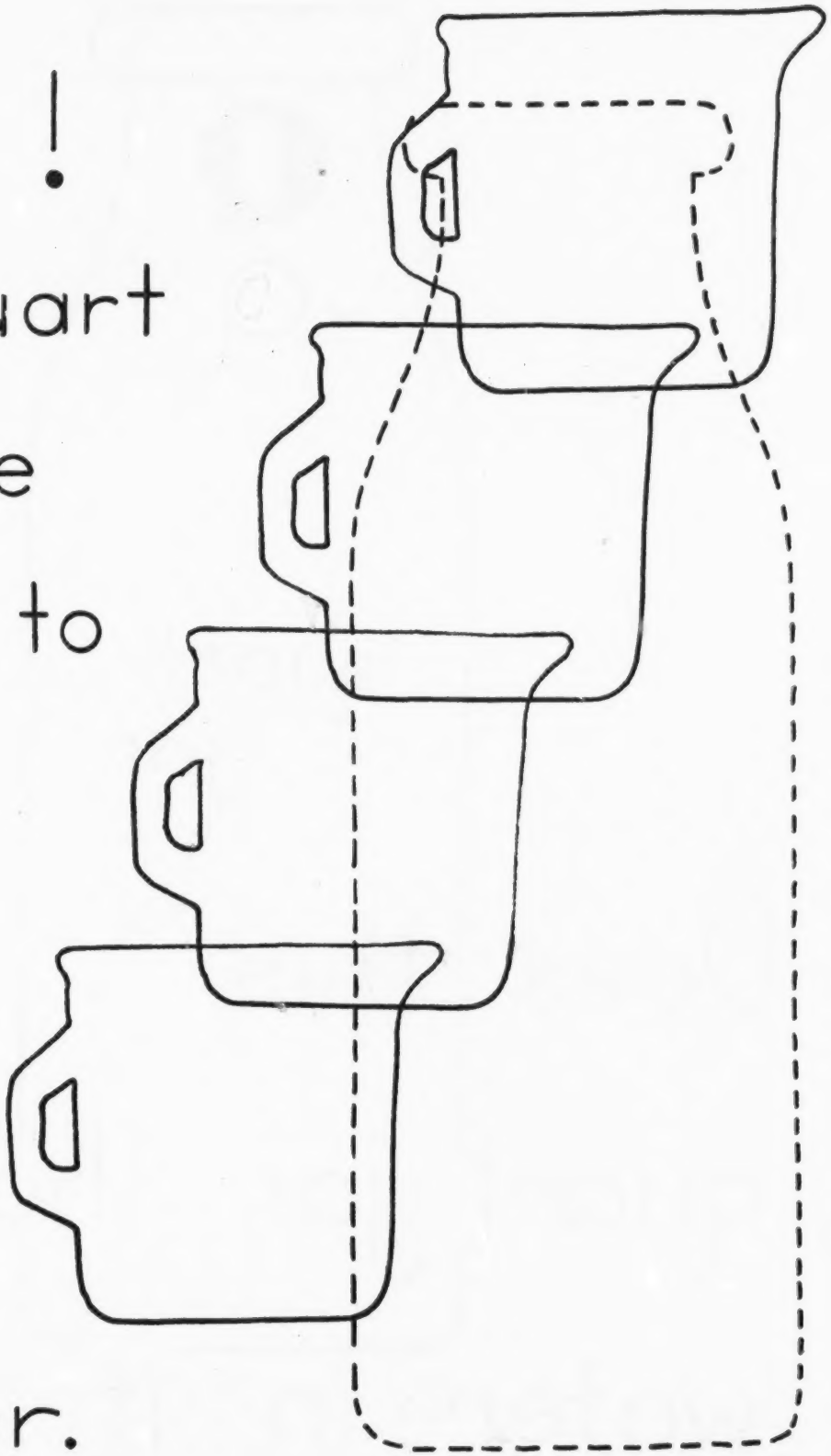
Q
q

quart
jar

Does this quart jar have water in it ?

Yes !

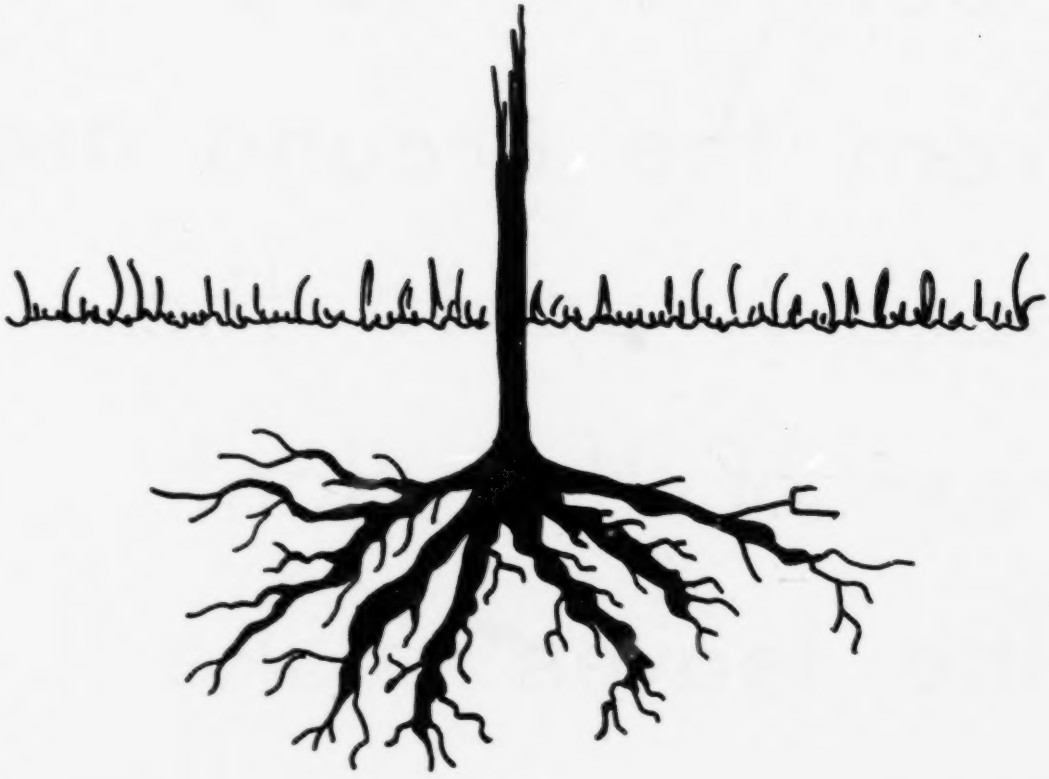
A quart is one way to MEASURE water.



We measure water in cups, too.

Four cups of water will fill a quart jar.

R r



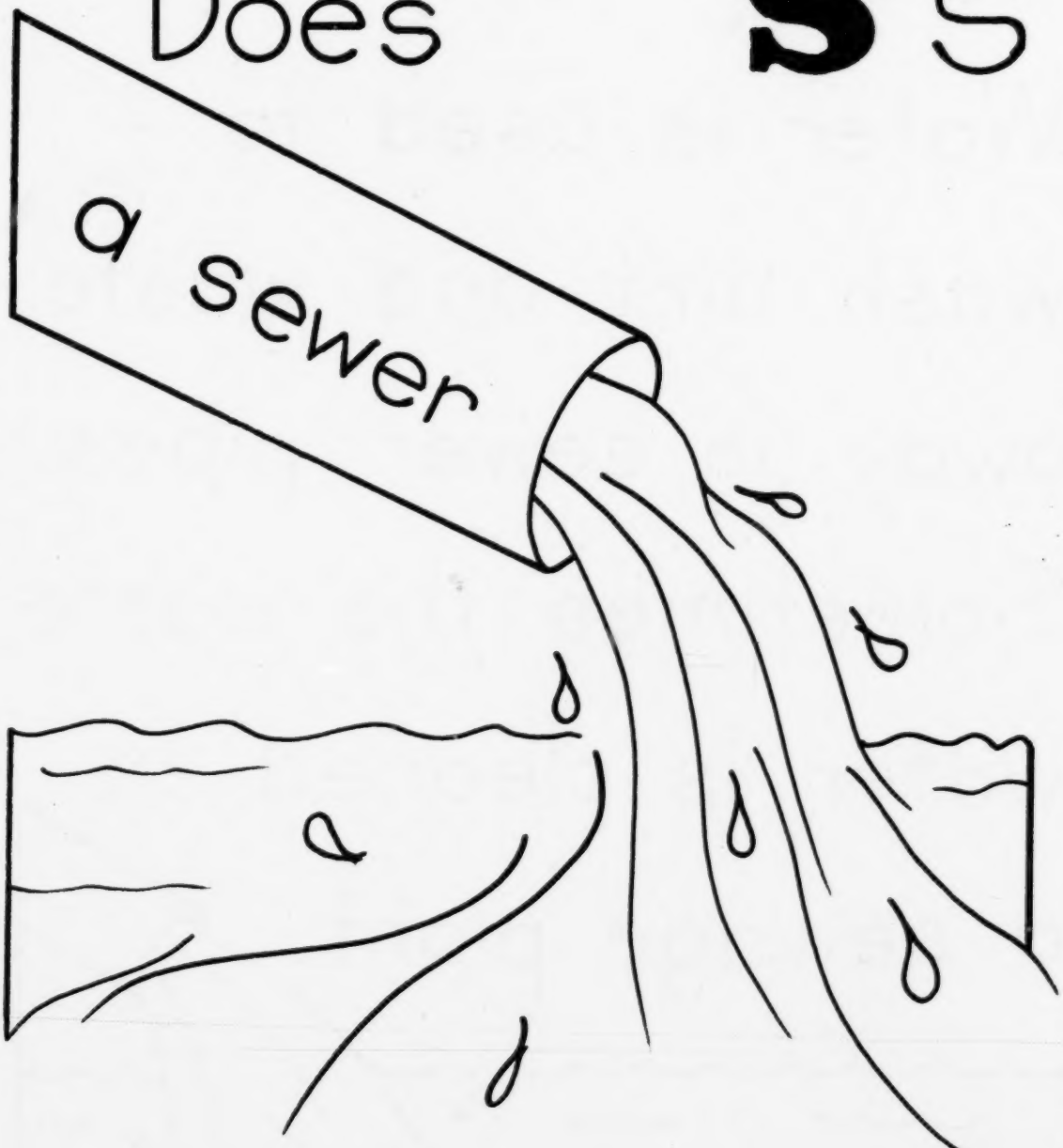
Do roots have water in them?

Yes !

Roots take water from the ground and send it up to the rest of the plant.

The leaves make food with some of the water and let the rest go into the air

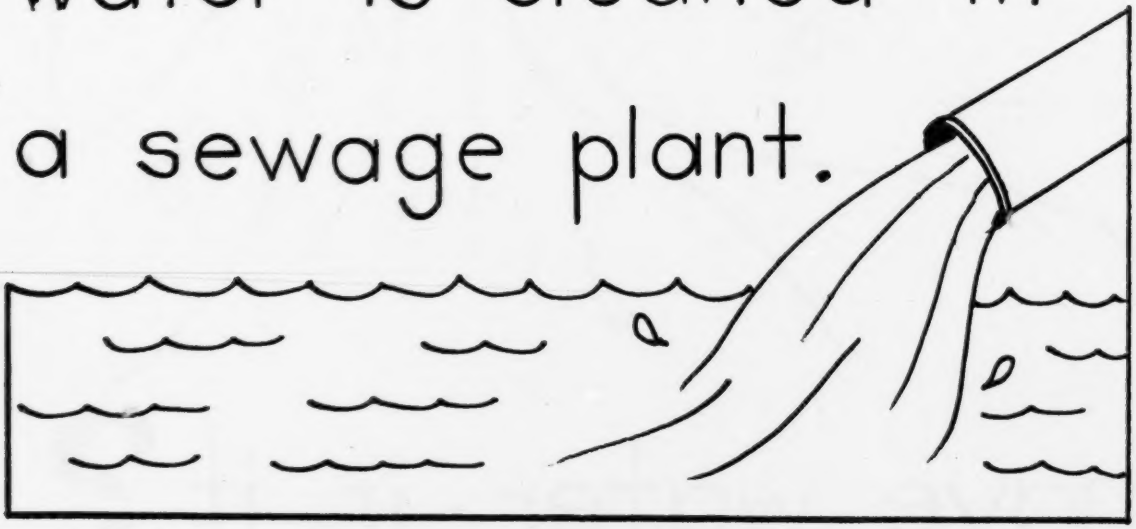
Does **S** s



have water in it?

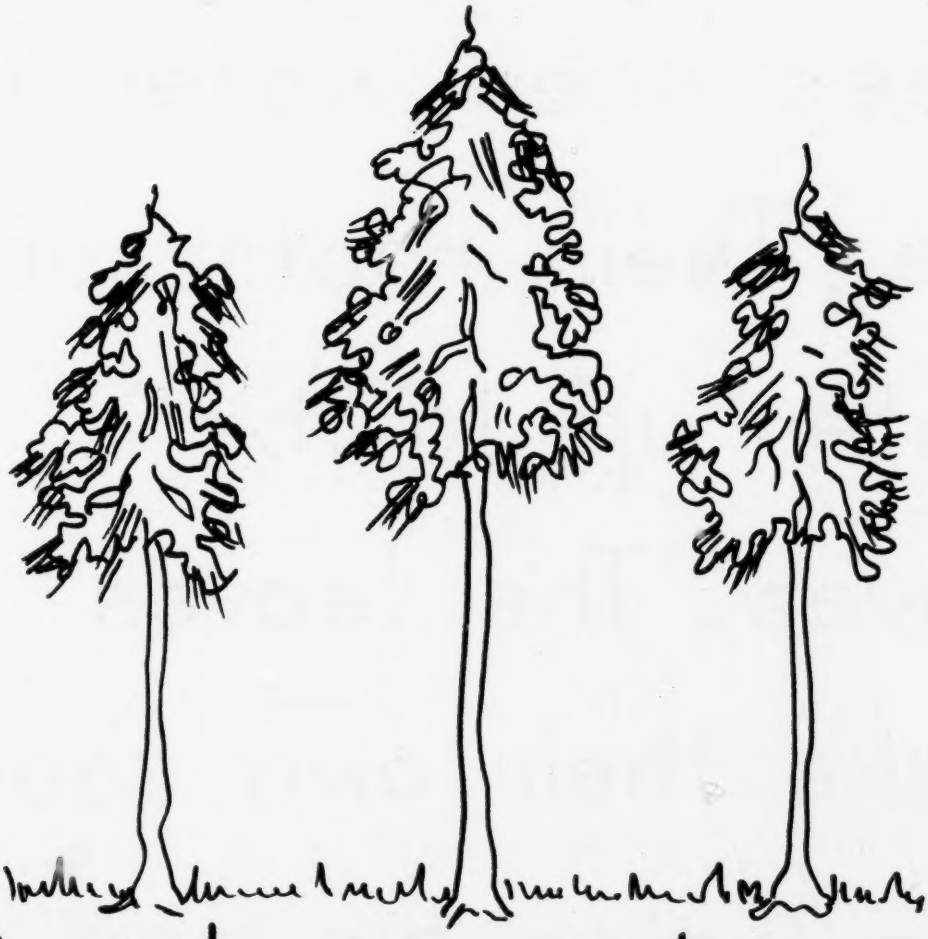
Yes !

Water is used to wash dirt and waste away in sewer pipes. Sometimes the waste water is cleaned in a sewage plant.



Often, however, it is dumped into rivers, lakes, and oceans without being CLEANED! This is one big cause of POLLUTION.

T t



Do trees have water in them?

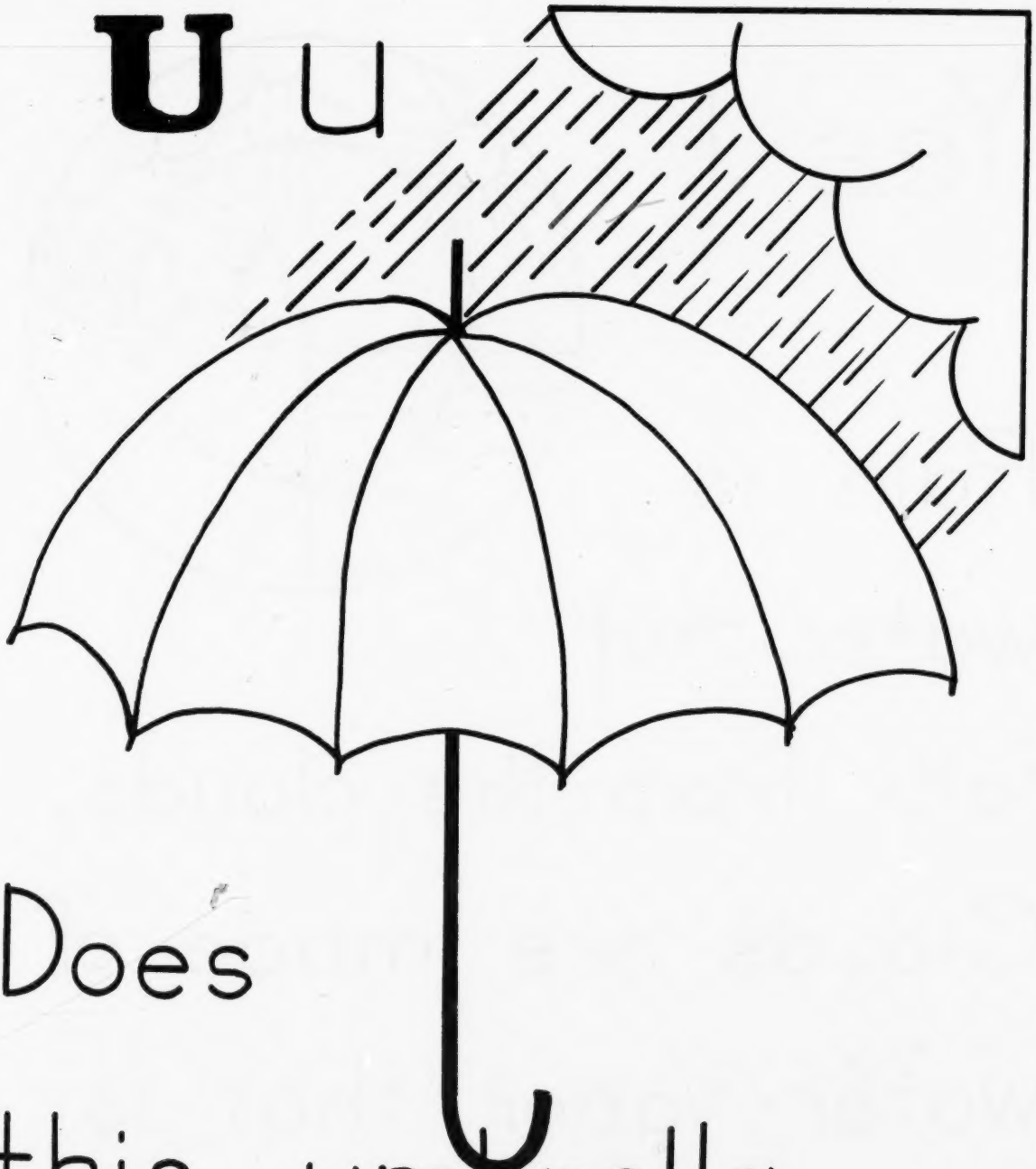
Yes !

Trees need water to live. Their roots send water up to the leaves. The leaves make their own food from water, air, and sunlight. Some water

goes out of the

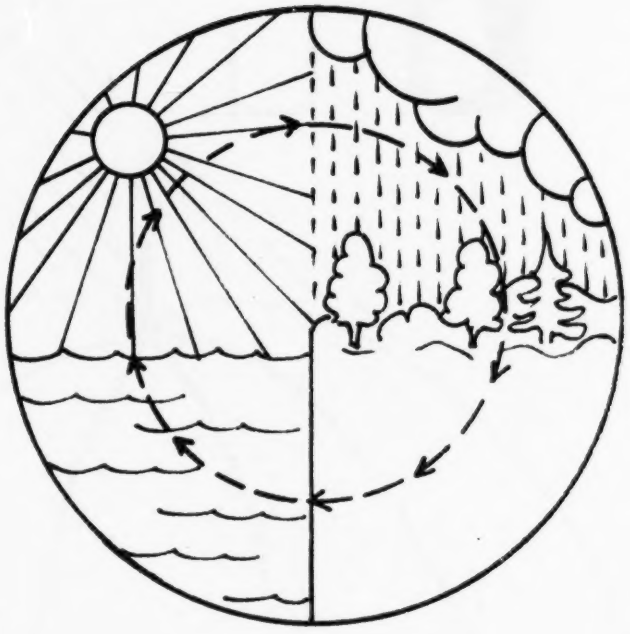
as vapor
and rises
to the sky.

U u



Does this umbrella have water on it?

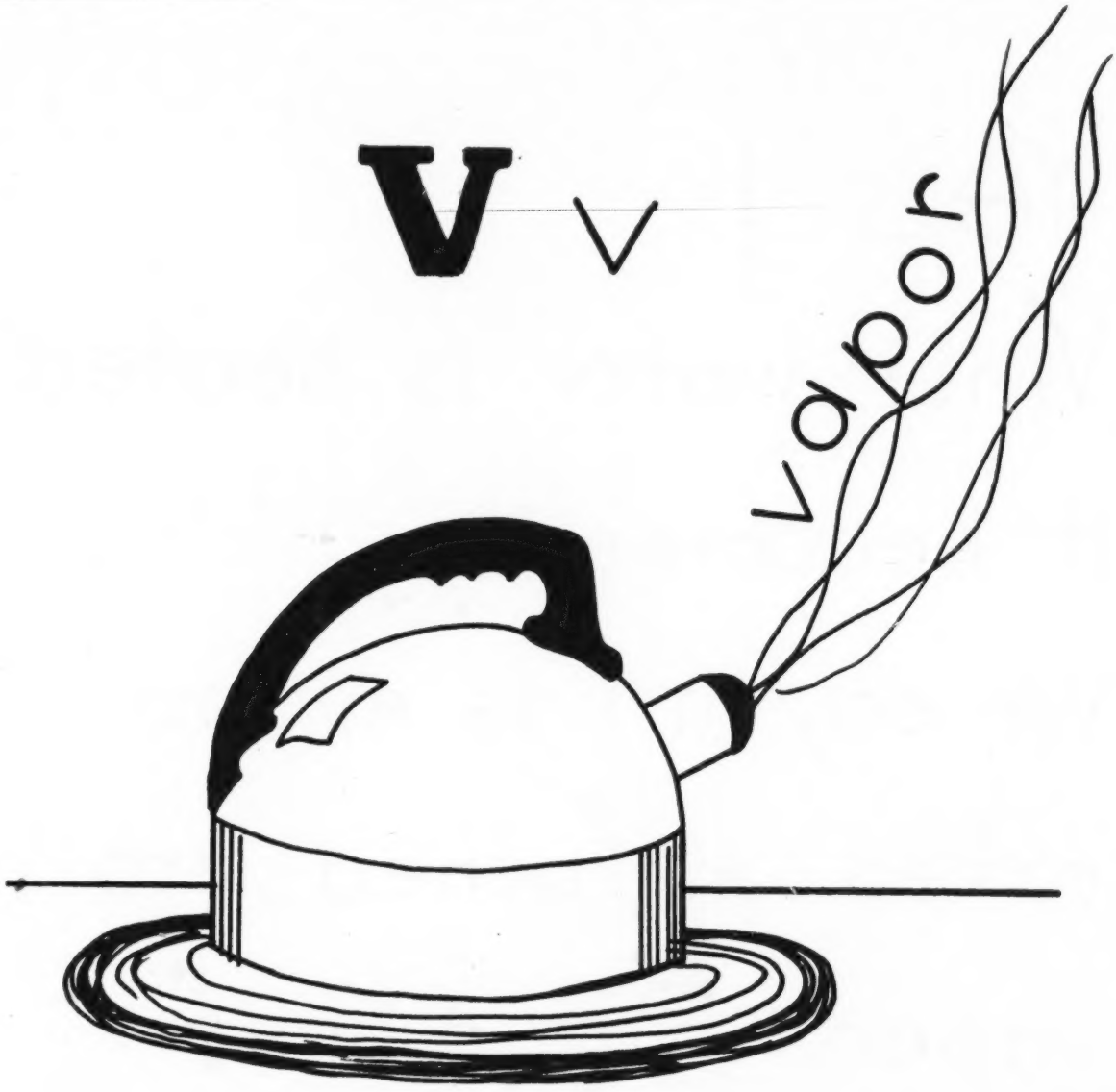
Yes !



Rain is water that falls from the clouds. Clouds are made of water vapor that is turning into rain.

Water vapor comes from the water in puddles, streams, lakes, and oceans that has evaporated in the heat of the sun and risen to the sky.

V v

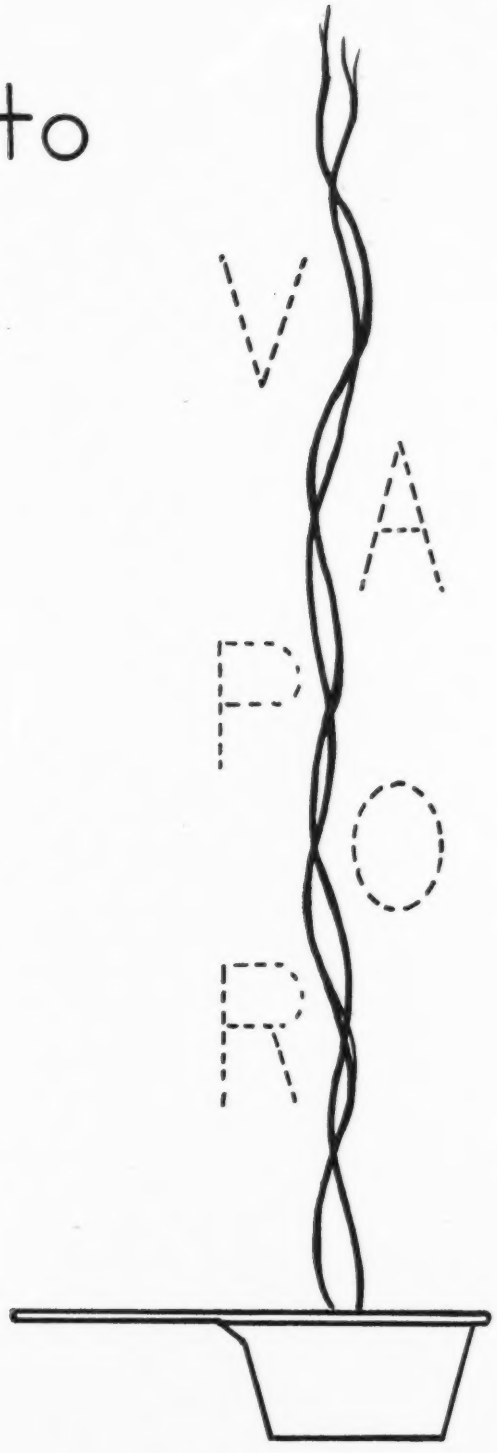


Does vapor have water in it ?

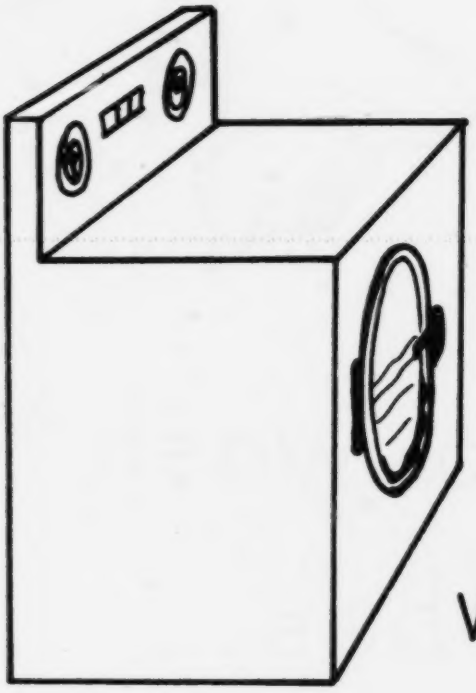
Yes !

When water is heated it becomes invisible. We say it has evaporated or turned into vapor. Put a little water in a pan. Heat it. Soon it will all disappear. It has

turned to



W W



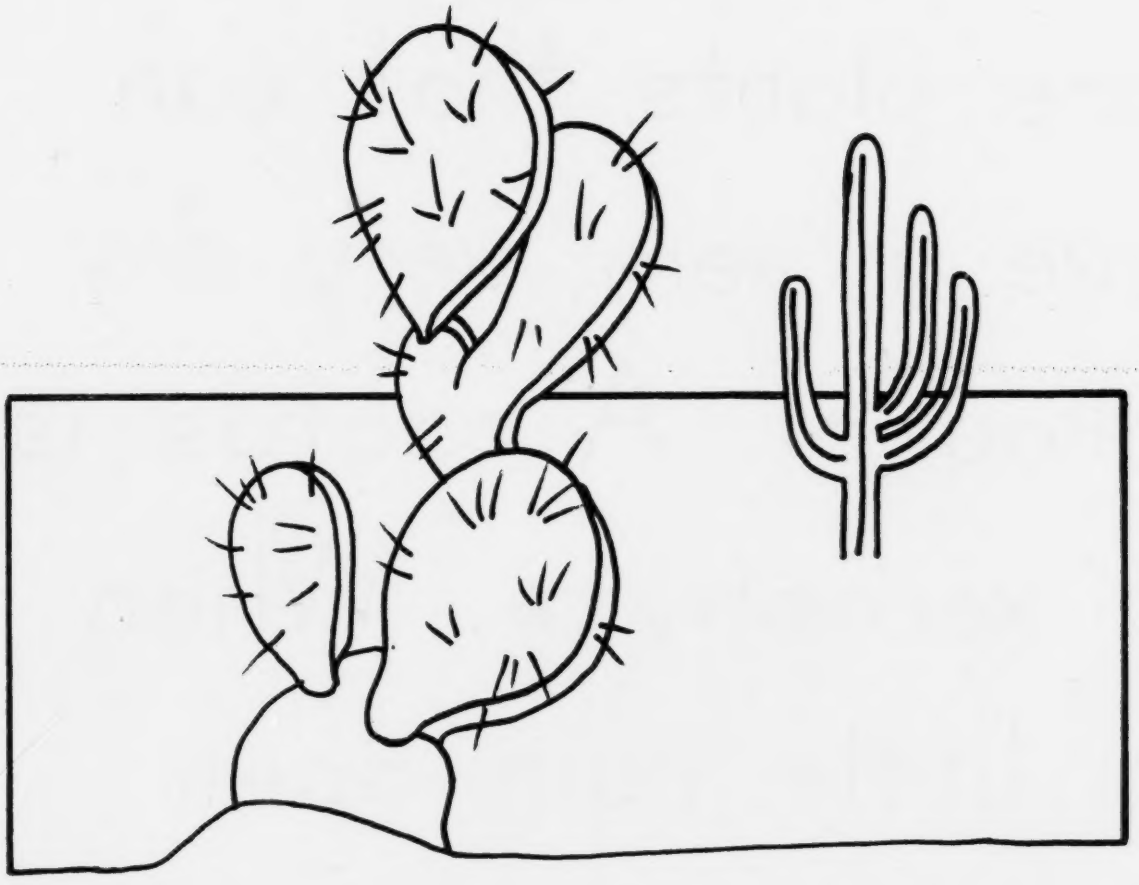
washer

Does this washer have water in it **?**

Yes !

We use
water to wash
our clothes.
Water is used
for cleaning many
things.

X x

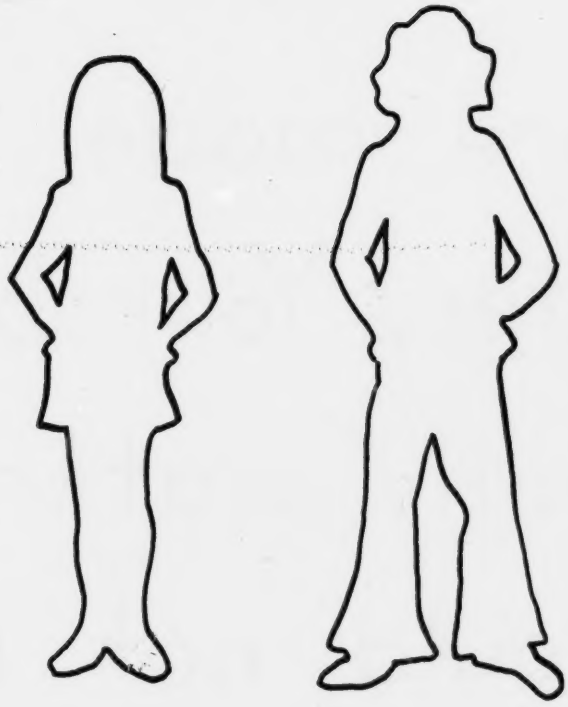


Does a xerophyte have water in it ?

Yes! Xerophytes are plants that can live in very, very dry ground. A cactus is a xerophyte. When a little rain does fall, the cactus fills up with water, then uses that water to

live on. You could squeeze water from a cactus and drink it!

Y y



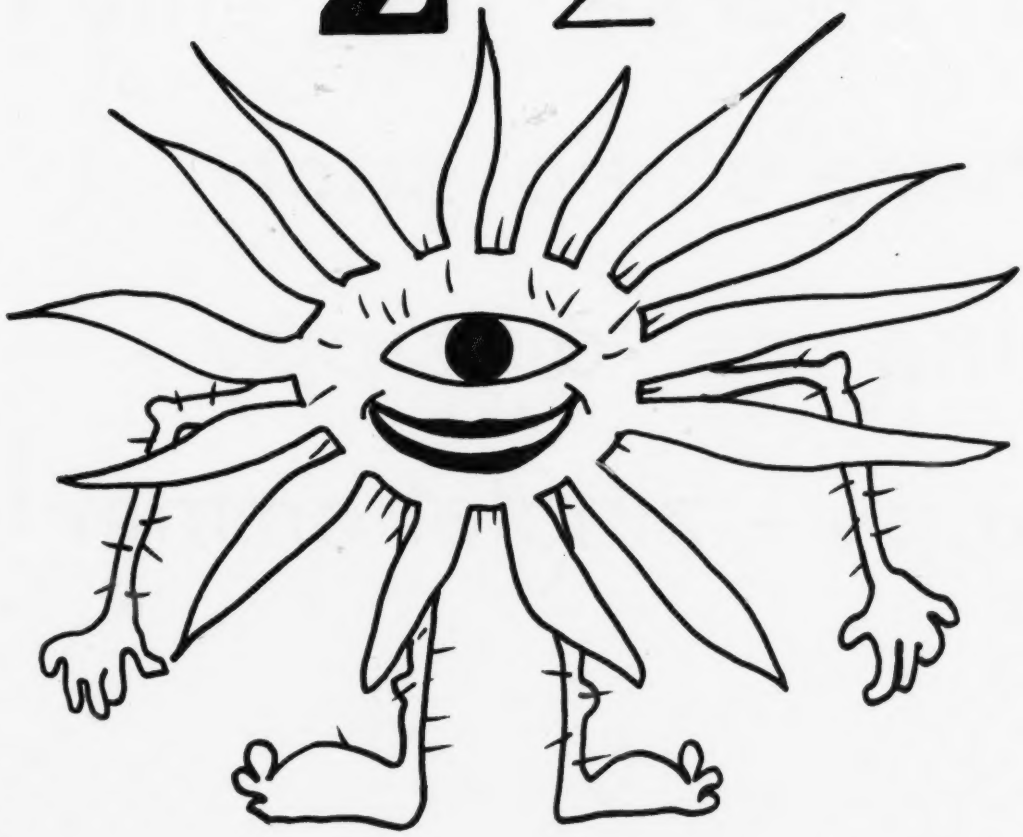
Do you have

water in you **?**

Yes !

Like all other animals you are made mostly of water. Your blood is mostly water. You could not live long without water.

Z z



Does a zippy-

zappy-zinqlehammer

have water in it ?

Of course not, silly!
There's no such
thing as a zippy-
zappy-zinglehammer!